

Oregon City Courier-Herald.

COURIER ESTABLISHED MAY, 1888
HERALD ESTABLISHED JULY, 1893
INDEPENDENT ESTABLISHED 1898

OREGON CITY, OREGON, FRIDAY, JULY 12, 1901

19th YEAR, NO. 8

EDWARD HUGHES

182 Madison St., West end of Bridge, Portland, Oregon

GENERAL AGENT

FOR

Aultman & Taylor's

Celebrated Threshing Machinery

Steam and Gas Engines,

Saw Mills,

Etc.

CONSOLIDATED IMPLEMENT COMPY

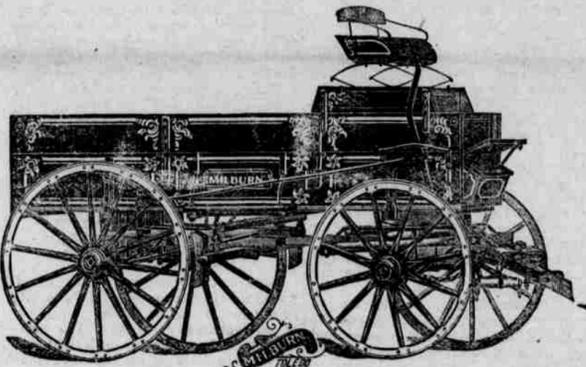
SUCCESSOR TO

Grebe, Harder & Co.

182, 184, 186 Madison Street, West End of Bridge,

DEALERS IN

AGRICULTURAL IMPLEMENTS AND VEHICLES



Remember we have the finest stock of the best makes to be found in Portland, including Farm and Spring Wagons, Buggies, Carriages and Carts, Mowers, Rakers, Tedders and Hay Tools, Hay Presses, Grain Drills, Plows, Cultivators, Disc and Spring Tooth Harrows, Pumps Harness, Bicycles, Etc.

PORTLAND,

OREGON

A FILTER SYSTEM.

Water Commissioners Submit Semi-Annual Report.

We herewith respectfully submit our semi-annual report of receipts and disbursements, of the finances of the city water works.

The earnings show a steady increase, and should reach the \$8000 mark by the end of the year. Seven new tapplings have been made.

The past six months mark an eventful period in the history of the city water works, in the fact that at last the Board has decided upon plans for the improvement of the water supply, by the means of mechanical filtration. In our last report we gave the council the result of our investigations regarding a gravity supply; but as the expense seemed beyond the income from the water supply was dropped for at least a few years to come. Steps have already been taken to have the forest reserve on the south fork of the Clackamas river set aside for the future need of our city's water supply.

Lastly it remains for mechanical filtration to provide an efficient and economical means of furnishing pure and wholesome water from our present supply. The Board was first informed of this system in 1896, but owing to the financial stringency and the expense attending the new reservoir, the matter was not considered seriously. In our July report for 1899, the Board stated that a representative of the California-Jewell Filter Co. had looked over our proposition, and stated that at a cost of not to exceed \$25,000 a filter plant of one-million gallon capacity in 24 hours could be installed. As the sentiment of a large portion of the citizens were opposed to such large expenditure for a gravity system with the prospect that the income might not take care of the same for some time to come, it was then decided by the Board to investigate the filter system in a thorough manner, and to that end had the California Jewell Filter Co. of San Francisco, bring an experimental pressure filter to the city and make a practical demonstration of

the merits of their system. The same was placed on Seventh and Main street, during the latter part of March, and a 30-day test required. On the 12th of April samples were taken and sent to Professor F. L. Washburn, the State Biologist at the University of Eugene. The results of the examinations being highly satisfactory, from the fact that the water in the river was quite muddy at the time, and it proved that the filter while making the water clear and colorless, it removed all the foreign matter except a very small percentage of bacteria.

Before considering a proposition the Board addressed a circular letter to 20 different cities in the United States, which are using filters of the capacity we require. Reports from all of these cities state that the results are highly satisfactory. The cheaper cost is mainly a saving of freight.

The experimental filter is still kept running for the benefit of the public, and gives a very satisfactory drinking water. Better results can without doubt be obtained from the gravity system of filters using filtered water to wash the filter bed with, contrary to the belief of many people, the river water at the time it was analyzed was quite muddy, but it was not considered unfit for drinking, consequently to free it from all suspended matter, would be a great benefit, filtration does. The cost of making this filter test was \$175, and the Board is certain that the knowledge gained, both for themselves and the citizens, justifying the expense. The simplicity of cleaning these filters is one of their chief recommendations.

The Board has closed a contract with the California Jewell Filter Co. of San Francisco, Cal., to erect a Jewell gravity filter plant capable of filtering one million gallons of water in each 24 hours under a guarantee to make same clear, colorless, odorless, and 97 per cent free from organisms and bacteria for the sum of \$127,900. Buildings, foundations, connecting mains, etc. are not included.

The Board has employed an engineer to make plans for a suitable intake pipe to extend up the basin and into running water, and do away with the bad water

caused by filth and mud that is constantly stirred up in the basin whenever the boats come in.

After considerable trouble the old cement mill, 50x150 feet, has been purchased and will prove a very desirable place for the filters, after the removal of the present structure.

The total cost of the filter plant, land, buildings, foundations, mains, intake pipe, etc., is expected to be within \$250,000, and will be installed within the next four months. At this price, deducting the amount on hand, the total debt on the water works will be almost \$25,000, and as the extra cost of operation will not be more than \$60 or \$70 per month, there will remain from \$3000 to \$5000 per year to apply on the debt, which with an increase of revenue to be expected from pure water, promises to practically wipe out the debt in a very few years.

RECEIPTS.	
January collections	\$ 637 60
February "	597 55
March "	698 50
April "	624 70
May "	653 90
June "	837 35

Total for six months.....\$4067 69
Cash in Treas.'s hands Jan 1, '01\$7602 72

Total.....\$11670 32

DISBURSEMENTS.

Six months int. on bonds to July 1st, 1901	\$ 300 00
Ernest Rands, map of south fork of Clackamas	10 00
T S Lawrence, lumber and labor repairing station floor	64 75
California-Jewell Filter Co, filter exhibit	175 00
Graton & Knight M'fg Co, leather belt	153 38
Bruce O Curry, map of Oregon City	5 00
F L Washburn, extra expense on water analysis	6 50
Wilson & Cooke, tools \$11, waste \$11 50, sundries, \$1.25	23 75
Willamette Iron & Steel Works bolts	5 60
F T Barlow, coal oil	1 70
Labor account, at pumps and on mains	146 80
Oregon City Courier-Herald, Printing receipts and notices	49 20
Oregon City Enterprise, printing notices	15 70
A J Owenby, blacksmithing	9 50
Wolf & Zwickler Iron Works, pump repair	21 56
Charman & Co, oil \$15 60, sundry supplies \$5	20 00
O C Foundry, castings	14 40
W E Howell, supt salary \$270, turn on fees \$10, care of filter \$20	300 00
P G E Co, light	12 25
Pope & Co, labor \$82, seven tapplings \$32 41, tools \$11.45, material \$110.16, Tenth street main \$6 00	242 92
G A Harding, electric lamps	1 50
Keservoir repairs	4 80
T L Charman, Secretary salary \$50, commission on col. \$204 53, expense \$8 88	263 21
O N Greenman, freight and drayage	2 65
New water supply expense	1 20

Total paid out.....\$1854 06

Balance in treasurer's hands July 1st, 1901.....\$9816 26

Total.....\$11670 32

CHARLES H. CAUFIELD, Pres.
T. L. CHARMAN, Sec.
Board of Water Commissioners.

E. W. Groves

This signature is on every box of the genuine **Laxative Bromo-Quinine** Tablets the remedy that cures a cold in one day

Parkplace Letter List.

Following is a list of letters remaining in the Parkplace postoffice unclaimed for the month ending June 30th, 1901: Miss May Luce, Parkplace; J. W. Stevens, Gladstone; Thomas Butts, Place.
W. A. HOLMES, P. M.

Weather.

Following is the voluntary observers' meteorological record for month of June, 1901, at Miramonte Farm near Aurora, Oregon:

Mean temp. —
Max. temp., 88.
Date, 17th.
Min. temp. 41.
Date 4th.
Total precip., 1.23 inches.
No. of days clear, 5.
Partly cloudy, 15.
Cloudy, 10.
Hail, 11th.
Prevailing wind, direction, westerly.
G. MUECKE, Observer.

It Dazzles the World.

No discovery in medicine has ever created one-quarter of the excitement that has caused by Dr. King's New Discovery for Consumption. It's severest tests have been on hopeless victims of Consumption, Pneumonia, Hemorrhage, Pleurisy and Bronchitis, thousands of whom it has restored to perfect health. For Coughs, Colds, Asthma, Croup, Hay Fever, Hoarseness and Whooping Cough it is the quickest, surest cure in the world. It is sold by George A. Harding, guarantees satisfaction or refunds money. Large bottles 50c and \$1. Trial bottles free.

Going East.

If you intend to take a trip East, ask your agent to route you via The Great Wabash, a modern and up-to-date railroad in every particular.

Through trains from Chicago, Kansas City, Omaha or St. Louis to New York and New England points. All trains run via Niagara Falls and every through train has free reclining chair cars, sleeping and dining cars.

Stop over allowed on all tickets at Niagara Falls.

Ross C. CLINE,
Pacific Coast Pass. agent,
Los Angeles, Cal.
C. S. CRANE, Gen'l. Pass Agent,
St. Louis, Mo.

W. C. HOLMAN Agricultural Implements and Vehicles

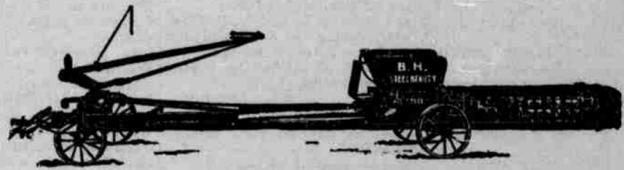
210-214 FRONT STREET, PORTLAND, OREGON.

BUGGIES



BUGGIES

Being crowded for space in my warehouse, I will sell the buggies and spring wagons now in stock at prices that defy competition. Come early and secure a buggy before the stock has been picked over.



NEW MODEL "STEEL BEAUTY."

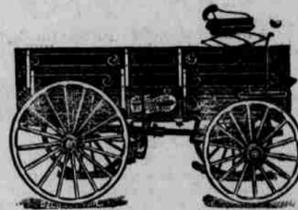
I have a stock of these balers on hand that I will sell at reduced prices. Call and investigate for yourself.

I CARRY

Buffalo Pitts Harrows
and Cultivators
Owen's "Advance"
Fanning Mills
Peerless Plows

AND

Belle City Feed Cutters
Milwaukee Binders
and Mowers



Write for Catalogue and Prices

FRANK BUSCH

The Housefurnisher

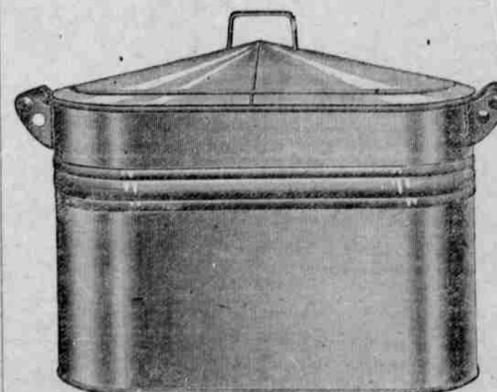
STUCK ON US

There are those who come to us again and again. They like the place and like what we offer them. There are attractions here for all. Some things you will like, and some especially for your neighbor.

We offer a pleasant welcome, and will be glad of your visit. We wish you to consider three heavy items: STOCK, PRICE and METHODS. Give us a trial.

For this week we offer at a special low price:

Reed's Patent Anti-Rusting Tinware



Price for this 8-lb. Boiler....\$3 00



Wash Basin, 40c



12-qt. pail, \$1 00

This tinware will outlast one dozen of ordinary kind